A.E.E./M.N.....
S.B.R. No: 031 21-22
DATE: 27-04-21

Original/Duplicate/Triplicate
CONTRACT CERTIFICATE

(For Other Works)

No. 1st & Final-

Date.....2020

Division: BBMP / YNK-DBR No.....Sub-Division: **Yelahanka Sub – Division.**

Bill Received No. Date.....Dated.....Divisional Cash Book Voucher No..... Dated.....

Sub Divisional **Work Code: 002-19-000052**

Schedule Docket No. Head of Account: Est.Cost: **40.00** Lakhs B.R.No. :

Name of Work : Drilling of borewells and maintenance works in ward no -02.

Name of Contractor and Full Address: **Sri P Ravichandra, No 562, Down Bazaar road yelahanka Bangalore – 560064.**

Reference to Agreement No. EE/YNK.D/ **EPMT-01 /W.O/ 0000107 /2019-20.** Date: 17-10-2019.

Certified that the measurements were taken by me on 25.02.2021 recorded of Pages 115766 to 115782 measurement Book No. ..1158 and that the work is satisfactorily executed.

Ravichandra P
Contractor

Officer-in-charge of work

Certified that the measurement were taken by me on 25/03/2021 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer
Asst. Exe. Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

II Memorandum of Payment

1) Total value of work done or supplies made as per account within
2) Deduct amount to be held in reserve being .....percent Rs.....
3) " Balance
4) Deduct Payment:
   a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No.....
      adjusted towards cash advance recovery of
   b) Payments Now made } cost store or other material supplied. recovery of amount creditable to this/other work Amount paid on this bill Cheque / Cash.
5) Balance being unpaid value of work done held in reserve.
6) Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.
7) Net amount due to or from Contractor unadjustments items.
8) Advance to Contractor for materials brought to site (as detailed) within
9) Value of Government materials supplied.

Total amount adjusted -

Amount	
Gross Amt = Rs	37.12.340.00
FSD = Rs	21500.00
CGST = Rs	3.28.917.00
SGST = Rs	3.28.917.00
IT =	37.123.00
LC =	37.123.00
CBF =	37.12.00
Royalty = Rs	57.80.00
T.D. = Rs	1.71.032.00
Net Amt = Rs	35.41.308.00

Contractor's Signature

Received Rs..... (in words).....
.....
by cash and by adjustment of Payment as per memorandum
(in final settlement of all demands)

Witness
1.
2.

Ravichandra P
Dated Signature of Contractor

Paid by me by Cheque No.....Dated.....
Cash Rs.....
Dated.....
Initials of Officer making payment

(For use in the Office)

Stamp

Audited & Admitted for Rs. 37.12.340.00
Thirty Seven lakh twelve thousand three hundred & fourty.
35.41.308.00 by Cheque
and Rs. 1.71.032.00 by adjustment

Executive Engineer

Accts. Supdt.
Yelahanka Division
BBMP

Exe. Engineer
yelahanka Division
BBMP

sl no	Description of work	Unit	Meas	
			Qty	
1	Lifting of Submersible Pump set (P,46/I.10.3.21 RDED SR (2002-03)	No	-	
2	Transportataion of pumping machineries (P.46/I.103)RDED SR (2002-03)	No	-	
3	A) Repairs to Motor:Rewinding of submersible pump sets with copper insulation wire of suitable gauge as per ISI specification with guarantee of 6months RDED SR (2002-03)P NO.39/ I,NO.A)		-	
4	a) -Do - above 3HP upto 5HP	No	-	
5	b) -Do - above 5HP upto 10HP	No	-	
6	Above 5HP Stator (with one year Gurantee) P.No.40/Ino.C(2)RDED SR (2002-03)	No	-	
7	Above 5HP Rotor (with one year Gurantee) P.No.40/I No.C(2)RDED SR (2002-03)	No	-	
8	Upper Flange P.No.40/I No.3 RDED SR (2002-03)	No	-	
9	Lower Housing P.No.40/I No.4 RDED SR (2002-03)	No	-	
10	Lower Flange P.No.40/I No.5 RDED SR (2002-03)	No	-	
11	a) Carbon Housing P.No.40/I No.7A RDED SR (2002-03)	No	-	
12	b) Thrust bearing block assembly complete with Segment bearing pad P.No.40/I No.7B RDED SR (2002-03)	No	-	
13	c) Tip Carbon /Ferrodo pading P.No.40/I No.7C RDED SR (2002-03)	No	-	
14	Bearing (Gun metal)Centrifugal cast Aluminium Bronze, bearing bush P.No.41/I No,9 RDED SR (2002-03)(Logbook Enclosed)	No	-	
15	Motor Base with pin P.No. 41/ I No.11 RDED SR (2002-03)	No	-	
16	Re-erection charges of pumping machineries including overhauling and painting P.No.41/I No 13,RDED SR (2002-03)	No	-	
17	Labour Charge (overhauling Motor only) P.No.41/ I No.15 RDED SR (2002-03)	No	-	
18	C) Replacement of pump parts: The following main components of submersible pump sets requiring replacement Pump bowls P.No.39 / I No B1 RDED SR (2002-03)	No	-	
19	Intermediate piece (I.P) with IP leaded bronze bush P.No. 44/ I No.B2 RDED SR (2002-03)	No	-	
20	Oil seal P.No. 44/ I No.B3 RDED SR (2002-03)	No	-	
21	Oil seal steel bush P.No. 39/ I No.B4 RDED SR (2002-03)	No	-	
22	Guide vane Pno 39/I No B5 RDED (2002-03)	No	-	
23	Impeller (shell moulded with aluminium and Bonze) P No 39/ I no B6 RDED SR 2002-03	No	-	
24	a) Discharge outlet (D O) Bearing D O Steel Bush P.No. 39/ I No.B7 RDED SR (2002-03)	No	-	
25	b)D.O Bearing P.No. 39/ I No.B7 RDED SR (2002-03)	No	-	
26	Steel bush (D.O) steel bush) P.No. 39/ I No.B8 RDED SR (2002-03)	No	-	
27	Allen Screw P.No. 40/ I No.9 RDED SR (2002-03)	No	-	
28	Pump shaft made out of stainless steel Centreless ground with key way (upto 8 stages) P.No. 40/ I No.10 RDED SR (2002-03)	No	-	
29	Pump key (Stainless steel) P.No. 40/ I No.11 RDED SR (2002-03)	No	-	
30	Pump coupling (stainless steel) P.No. 40/ I No.12RDED SR (2002-03)	No	-	
31	Non - Return valve (NRV) assembly complete with rubber 'O' Ring P.No. 40/ I No.13RDED SR (2002-03)	No	-	
32	Cabble guard P.No. 40/ I No.14RDED SR (2002-03)	No	-	
33	Strainer P.No. 40/ I No.15RDED SR (2002-03)	No	-	

Unit
No
No
No
No
No
No
No
No
No
No
R No
No
R No
No
lo No
No
ng No
No
No
No
No
No
No
No
No
No
No
0/1 No
No
No
SR No
No
No

Measurment		Present Measurement			Total up-to date		Remark
Qty	cost	Qty	Rate	Cost	Qty	cost	
-	-	20.00	750.00	15000.0	20.00	15000.0	
-	-	20.00	800.00	16000.0	20.00	16000.0	
-	-						
-	-	20.00	2600.00	52000.0	20.00	52000.0	
-	-	6.00	3800.00	22800.0	6.00	22800.0	
-	-	20.00	4800.00	96000.0	20.00	96000.0	
-	-	20.00	4500.00	90000.0	20.00	90000.0	
-	-	20.00	375.00	7500.0	20.00	7500.0	
-	-	20.00	650.00	13000.0	20.00	13000.0	
-	-	20.00	375.00	7500.0	20.00	7500.0	
-	-	20.00	500.00	10000.0	20.00	10000.0	
-	-	20.00	1150.00	23000.0	20.00	23000.0	
-	-	20.00	150.00	3000.0	20.00	3000.0	
-	-	20.00	430.00	8600.0	20.00	8600.0	
-	-	20.00	480.00	9600.0	20.00	9600.0	
-	-	20.00	850.00	17000.0	20.00	17000.0	
-	-	20.00	600.00	12000.0	20.00	12000.0	
-	-	20.00	650.00	13000.0	20.00	13000.0	
-	-	20.00	650.00	13000.0	20.00	13000.0	
-	-	20.00	75.00	1500.0	20.00	1500.0	
-	-	20.00	85.00	1700.0	20.00	1700.0	
-	-	20.00	175.00	3500.0	20.00	3500.0	
-	-	20.00	450.00	9000.0	20.00	9000.0	
-	-	20.00	575.00	11500.0	20.00	11500.0	
-	-	20.00	325.00	6500.0	20.00	6500.0	
-	-	20.00	160.00	3200.0	20.00	3200.0	
-	-	20.00	25.00	500.0	20.00	500.0	
-	-	20.00	1150.00	23000.0	20.00	23000.0	
-	-	20.00	140.00	2800.0	20.00	2800.0	
-	-	20.00	300.00	6000.0	20.00	6000.0	
-	-	20.00	1350.00	27000.0	20.00	27000.0	
-	-	20.00	175.00	3500.0	20.00	3500.0	
-	-	20.00	150.00	3000.0	20.00	3000.0	

BBMP

yelahanka Division

34	Providing and fixing 50 mm dia heavy duty coller SE RDED Approved rate	No
35	Supply & delivery at site brand new texmo/innova/tubi/sabar /Atalanta/calamal/ waterman/Radha make suitable HP deep well submercible pumpset suitable for vertical installation in 150 dia borewells compressing of single stage or multistage CF pump close coupled by means of stainless steel coupling to suitable HP suitable speed totally enclosed and fitted with pure drinking water squirrel cagesubmercible induction motor suitable for operation of 3Ph, 50Hz 380/440 volts AC supply fitted with required accessories such as suction, casing, suction strainers, sand guard. Non return valve etc Complete the pump and motor shall from an integral unit with all the required fittings 17.50 HP 30 stage (P.NO XXXIII, I NO-34, PWD SR 18-19)17.5HP 30 Stage	No
36	Providing, laying & jointing GI pipes confirming to IS specification of approved make with fittings such as collars bends elbows tees nipples plugs with cuts threads using white lead & threads for joints wherever necessary as per direction including all lead & lift etc, complete 'A' grade(excluding cost of fittings) 50mm dia GI pipe (SR 18-19 PWD, P.No.XIX Sl.no 499 Code No. 0154)	Rmtr
37	Providing & fixing heavy duty collar (P.NO-III, I NO-66, PRED 12-13 SR)	No
38	Supplying and drawing 3 core PVC Sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS. 8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 volts Ap No. 12/I No. (2.104) 3C X 6.0 Sqm KPWD Electrical SR 2014-15	Rmtr
39	Supplying & delivery at site brand new / Essen / Lotus sunsines/Adarsh/ Gk controls best indigenous make combine energy meter-cum-control panel board unit of size 1200 x 600 x 300 mm minimum mechanically strong and vermin and water proof the unit shall have two detachable doors suitable for operation on 3ph, 50Hz, 380/440 volts, AC supply with spring loaded latch locking with a key ribs should be provided inside the door , canopy apron and louvers ventilators shall be provided the combine energy mtr cum control panel board unit suitable for operation on 3ph, 50Hz, 380/440 AC supply shall be consisted etc, completed T panel board shall be fabricated on single unit in the above components panel board for suitable pumpset above components panel board for suitable pumpset above 6.50 HP to 17.50 HP with star delta starter (MR)	No
40	Fabricating supplying and mounting MS box of 16 SWG suitable for floor / wall mounting, fully weather proof with provision for better hear description, (providing with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primes paint and finally finished with approved colour enamelled metal paint etc, complete box of 21600 sq cm (P.NO-530, I NO-39 b, BWSSB SR 13-14)	sqm
41	Providing & Fixing of clamps set and borewell cap to the pump (MR)	No
42	Supplying & delivery of brand new best make non return valve of size 50mm as per IS. 778/84 with latest amendments with ISI mark (50mm Gate wheel Valve (PWD SR 18-19, P NO XXV, Sl no. 647 Code No. 0126)	No
43	Supplying and delivery of brand new best make Gate Valve of size 50mm as per IS. 778/84 with latest amendments with ISI mark 50mm Gate Valve for distributer pipeline 50mm dia (PWD SR 18-19, P NO XXVI, Sl no. 661 Code No. 0164)	No
44	Labour charges for erection of new /repaired submersible pumpset along with GI pipes (32/50mm) cable (new submersible pumpset if required will be supplied by the department free of cost and released pump set should be handed over to department) including transportation (each length = 6.00m) (P No - 564, I No - 3, BWSSB SR 13-14)	No
45	Erection of combined panel board meter board with all necessary materials and labour including providing CC 1:3:6 foundation bed etc. Complete for basement out door type (MR)	No
46	Supplying and fixing miniature circuit breakers/isolators in existing MCB distribution boards using necessary fixing materials and wiring complete as required, 40 to 63 Amps DP (P NO - 526, I NO - 13D (a), BWSSB SR 13-14)	No
47	Supplying and fixing of Porcelain fuse channel with cut out on existing wooden / panel using necessary nuts, bolts and washer etc., complete.... **P No. 32/I No 3b KPWD Electrical SR 2010-11** **63 AMPS**	No
48	Supplying and laying of L.T.U.G Cable having aluminiumconductor PVC insulated shethed galvanised steel wire/ steel tape armoured cable with PVC outer sheathing 1.1 KV class 4 core 16 sqmm cable (confirming to IS 1554) (P NO - 553, I NO - 10 (d), BWSSB SR 13-14)	Rmtr
49	Digging of trenches of 0.6mm x 0.50 Mtrs wide refilling the trench to the required ground level and consolidating etc,. Complete sutting road surfaces (P NO - 554, I NO - 12 (b), BWSSB SR 13-14)	Rmtr
50	Supplying and fixing Class-A GI Pipe on pole/ wall/drain crossing with necessary clamping arrangements for UG Cable of 1.1 KV class 40mm (P NO - 555, I NO - 15 (b), BWSSB SR 13-14)	Rmtr
51	Supplying and fixing wiring earth electrode for grounding conduits, IC cutouts and other equipments on the meter board using 40mm dia 2.90 mm thick GI pipe 2.5 mtr long buried in a pit,/ the pit should be filled with equal proportion of salt and charocal 150 mm alround the pipe to complete depth the connections from the pipe to the conduit etc,. is to be established though GI wire of size as per ISI specification 7.3.3 of ISI 732 using 12mm dia boalts, nuts washers and checknuts etc,. the pipe shall have 16 through holes of 122mm dia (P.NO - 552, I NO - 7 , BWSSB SR 13-14)	No

-	-	20.00	130.00	2600 0	20 00	2600.0	
-	-	1.00	72126.00 40622	72126 0 40622	1 00	72126 0 40622	
-	-	198.00	279 66	55372 7	198.00	55372 7	
-	-	34 00	154 50	5253 0	34 00	5253 0	
-	-	400.00	188.70	75480 0	400.00	75480.0	
-	-	1.00	14800.00	14800 0	1.00	14800.0	
-	-	22000 00	0.35	7700 0	22000 00	7700.0	
-	-	1.00	690 00	690 0	1.00	690 0	
-	-	3.00	1016.95	3050 9	3.00	3050 9	
-	-	1.00	1398 31	1398.3	1.00	1398 3	
-	-	43.00	93 28	4011 0	43 00	4011.0	
-	-	3.00	475.00	1425.0	3 00	1425 0	
-	-	6 00	932 80	5596 8	6 00	5596 8	
-	-	18 00	150 00	2700.0	18 00	2700 0	
-	-	168 00	174 90	29383 2	168 00	29383.2	
-	-	75.00	58 30	4372 5	75.00	4372 5	
-	-	9.00	303 16	2728 4	9 00	2728.4	
-	-	1.00	1749.00	1749.0	1.00	1749.0	

	No
rcable ns of ction ners, P.NO	No
ends ction l.no	Rmtr
	No
with thed	Rmtr
ergy proof aded d the isted pset	No
n for table and SSB	sqm
	No
with	No
h ISI	No
rsible er to	No
1:3:6	No
erials	No
sing 0-11	No
tape - 10	Rmtr
etc,	Rmtr
of 1.1	Rmtr
using rocal gh GI shall	No

52	Supply and fixing LT cast iron pot heads suitable for 1.1 KV class 16 sqmmUG cable filled with necessary bitumen/ insulating compound complete with terminals, clamps, bolts nuts and washers etc, (P.NO - 555, I.NO - 16 (b) , BWSSB SR 13-14)	No
53	Providing and fixing Gun Metal Gate wheel valve confirming to IS specification of approved make as per direction including all lead and lift etc. Complete. 50mm dia (P NO - 97, I NO - 13.79.6, PWD SR 18-19)	No
54	Supplying and fixing of polished wood board made of not less than 15mm thick plank on both sides with planks made out on not more than 2 pieces and fixing the same to wall using tapered inverted wooden plugs screws etc., Size 20 x 20 x 2.5 inches (P NO - 521, I NO - 2 (f), BWSSB SR 13-14)	No
55	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in Ordinary soil not exceeding 1.5 m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of clods complete as per specifications (P NO - 6, I NO - 2.3, PWD SR 18-19)	cum
56	Providing and installing at site of work 63mm (0.662) PVC Pipes of 6 kg / cm2 including cost of pipes and specials and labour, including lowering into trenches, laying true to line, level and perfect linking at joints leak proof including jointing of approved type with all labour and lift charges, handling charges including encasing the pipe alround to a depth not less than 15cms with gravel or selected earth available from the excavation etc., complete (P NO - 94, I NO - 13.73.2, PWD SR 18-19)	Rmtr
57	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1.5m including cost of all labour complete as per specifications (P NO - 7, I NO - 2.11, PWD SR 18-19)	cum
58	Public fountains including GI taps and all accossories	No
1	Geophysical investigation of site for sinking borewell for supplying drinking water to the habitation either through the hand pump, MWS or P.W.S.S. by vertical electrical sounding by adopting venner or schlumbergers's method, including reconnaissance survey of geological formation, Geological investigation of existing ground water in vicinity, its quality, quantity & acceptability of the users indicating the location of site, recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 mtr in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site, engaging technical personal and labour required etc (P.NO-47, I NO-9.4, PRED 12-13 SR)	Each
2	Sinking of borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over budem upto 20 m fixing of casing pipes, collars & cap with necessary cutting, threading & welding including transportation of rig and supporting vehicle, crew charges & cost of consumables etc., complete including yield testing at the final depth with minimum working of compressor for one hour(excluding cost of casing pipes, collars, cap etc.) (P NO-47, I NO-9.1, PRED 12-13 SR)	Rmtr
	0 to 50 m	
	50 to 100 m	
	100 to 150 m	
	150 to 200 m	
	200to 250 m	
	250to 300 m	
3	Supplying of ISI Mark 175 mm nominal bore medium black ERW casing pipe of 5mm thick black electric resistance continous welded midle steel tube material confirming to IS 1387/1993 and manufactured from hot rolled steel skelp/stripes in random length of 4 to 7 mtr both ends threaded confirming to IS 554/1985 one end(including of all taxes) (P.NO-III, I.NO-84, PRED 12 13 SR)	No
4	Providing and fixing 250mm dia PVC pipe and as per specification and directions. (BWSSB SR 13-14, P.No.53 I.no.1 of sl.no.11.)	No
5	175 mm dia M.S. Casing cap (P.NO-III, I NO-85, PRED 12-13 SR)	No
6	M.S. Casing pipe collars 'C' Class (P.NO-III, I.NO-86, PRED 12-13 SR)	No
7	Supply & delivery at site brand new texmo/innovat/kubl/sabar tatanta/calamal/ aterman/Radha make suitable HP deep well submercible pumpset suitable for vertical installation in 150 dia borewells compressing of single stage or multistage CF pump close coupled by means of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water squirrel cagesubmercible induction motor suitable for operation of 3Ph, 50Hz.380/440 volts AC supply fitted with required accessories such as suction, casing, suction strainers, sand guard. Non return valve etc. Complete the pump and motor shall from an integral unit with all the required fittings 17.50 HP 30 stage (P.NO-XXXIII, I.NO-34, PWD SR 18-19) 17.5 HP 30 Stage	No
8	Providing, laying & jointing GI pipes confirming to IS specification of approved make with fittings such as collars bends elbows tees nipples plugs with cuts threads using white lead & threads for joints wherever necessary as per direction including all lead & lift etc,. complete 'A' grade(excluding cost of fittings) 50mm dia GI pipe (SR 18-19 PWD, P.No.XIX, Sl.no. 499 Code No. 0154)	Rmtr

-	-	1.00	279.84	279.8	1.00	279.8	
-	-	3.00	778.04	2334.1	3.00	2334.1	
-	-	3.00	320.65	962.0	3.00	962.0	
-	-	191.25	316.94	60614.8	191.25	60614.8	
-	-	425.00	394.32	167586.0	425.00	167586.0	
-	-	191.25	128.26	24529.7	191.25	24529.7	
-	-	10.00	2500.00	25000.0	10.00	25000.0	
-	-	4.00	1938.46	7753.8	4.00	7753.8	
-	-			0.0	0.00	0.0	
-	-	200.00	315.18	63036.0	200.00	63036.0	
-	-	200.00	412.00	82400.0	200.00	82400.0	
-	-	200.00	458.35	91670.0	200.00	91670.0	
-	-	200.00	484.10	96820.0	200.00	96820.0	
-	-	200.00	560.32	112064.0	200.00	112064.0	
-	-	184.30	600.49	110670.3	184.30	110670.3	
-	-	240.00	1364.75	327540.0	240.00	327540.0	
-	-	0.00	1133.00	0.0	0.00	0.0	
-	-	4.00	103.00	412.0	4.00	412.0	
-	-	36.00	154.50	5562.0	36.00	5562.0	
-	-	4.00	72126.00 40622	288504.0 162488.	4.00	288504.0 162488.00	
-	-	798.00	279.66	223168.7	798.00	223168.7	

Asst. Supdt
Yelahanka Division
BBMP

Exe. Engineer
Yelahanka Division
BBMP

9	Providing & fixing heavy duty collar (P.NO-III, I.NO-86, PRED 12-13 SR)	No	-
10	Supplying and drawing 3 core PVC Sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS. 8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 volts Ap No. 12/I No. (2.104) 3C X 6.0 Sqm KPWD Electrical SR 2014-15	Rmtr	-
11	Supplying & delivery at site brand new / Essen / Lotus sunsines/Adarsh/ Gk controls best indigenous make combine energy meter-cum-control panel board unit of size 1200 x 600 x 300 mm minimum mechanically strong and vermin and water proof the unit shall have two detachable doors suitable for operation on 3ph. 50Hz, 380/440 volts, AC supply with spring loaded latch locking with a key ribs should be provided inside the door , canopy apron and louvers ventilators shall be provided the combine energy mtr cum control panel board unit suitable for operation on 3ph, 50Hz, 380/440 AC supply shall be consisted etc,. completed T panel board shall be fabricated on single unit in the above components panel board for suitable pumpset above components panel board for suitable pumpset above 6.50 HP to 17.50 HP with star delta starter (MR)	No	-
12	Fabricating supplying and mounting MS box of 16 SWG suitable for floor / wall mounting, fully weather proof with provision for better hear description, (providing with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primes paint and finally finished with approved colour enamelled metal paint etc., complete box of 21600 sq cm (P.NO-530, I.NO-39 b, BWSSB SR 13-14)	sqm	-
13	Providing & Fixing of clamps set and borewell cap to the pump (MR)	No	-
14	Supplying & delivery of brand new best make non return valve of size 50mm as per IS: 778/84 with latest amendments with ISI mark (50mm Gate wheel Valve (PWD SR 18-19, P.NO.XXV, Sl.no, 647 Code No. 0126)	No	-
15	Supplying and delivery of brand new best make Gate Valve of size 50mm as per IS: 778/84 with latest amendments with ISI mark . 50mm Gate Valve for distributer pipeline. 50mm dia (PWD SR 18-19, P.NO.XXVI, Sl no, 661 Code No. 0164)	No	-
16	Labour charges for erection of new /repaired submersible pumpset along with GI pipes (32/50mm) cable (new submersible pumpset if required will be supplied by the department free of cost and released pump set should be handed over to department) including transportation (each length = 6.00m) (P.No - 564, I No - 3, BWSSB SR 13-14)	No	-
17	Erection of combined panel board meter board with all necessary materials and labour including providing CC 1:3:6 foundation bed etc. Complete for basement out door type (MR)	No	-
18	Supplying and fixing miniature circuit breakers/isolators in existing MCB distribution boards using necessary fixing materials and wiring complete as required, 40 to 63 Amps DP (P.NO - 526, I NO - 13D (a), BWSSB SR 13-14)	No	-
19	Supplying and fixing of Porcelain fuse channel with cut out on existing wooden / panel using necessary nuts, bolts and washer etc., complete P No. 32/I No 3b KPWD Electrical SR 2010-11 63 Amps	No	-
20	Supplying and laying of L.T.U.G Cable having aluminiumconductor PVC insulated shethed galvanised steel wire/ steel tape armoured cable with PVC outer sheathing 1.1 KV class 4 core 16 sqmm cable (confirming to IS 1554) (P.NO - 553, I.NO - 10 (d), BWSSB SR 13-14)	Rmtr	-
21	Digging of trenches of 0.6mm x 0.50 Mtrs wide refilling the trench to the required ground level and consolidating etc, Complete sutting road surfaces (P.NO - 554, I.NO - 12 (b), BWSSB SR 13-14)	Rmtr	-
22	Supplying and fixing Class-A GI Pipe on pole/ wall/drain crossing with necessary clamping arrangements for UG Cable of 1.1 KV class 40mm (P.NO - 555, I.NO - 15 (b), BWSSB SR 13-14)	Rmtr	-
23	Supplying and fixing wiring earth electrode for grounding conduits, IC cutouts and other equipments on the meter board using 40mm dia 2.90 mm thick GI pipe 2.5 mtr long buried in a pit,/ the pit should be filled with equal proportion of salt and charocal 150 mm alround the pipe to complete depth the connections from the pipe to the conduit etc, is to be established though GI wire of size as per ISI specification 7.3.3 of ISI 732 using 12mm dia boalts, nuts washers and checknuts etc,. the pipe shall have 16 through holes of 122mm dia (P.NO - 552, I.NO - 7 , BWSSB SR 13-14)	No	-
24	Supply and fixing LT cast iron pot heads suitable for 1.1 KV class 16 sqmmUG cable filled with necessary bitumen/ insulating compound complete with terminals, clamps, bolts nuts and washers etc, (P.NO - 555, I.NO - 16 (b) , BWSSB SR 13-14)	No	-
25	Providing and fixing Gun Metal Gate wheel valve confirming to IS specification of approved make as per direction including all lead and lift etc. Complete 50mm dia (P.NO - 97, I.NO - 13.79.6, PWD SR 18-19)	No	-
26	Supplying and fixing of polished wood board made of not less than 15mm thick plank on both sides with planks made out on not more than 2 pieces and fixing the same to wall using tapered inverted wooden plugs screws etc., Size 20 x 20 x 2.5 inches (P.NO - 521, I.NO - 2 (f), BWSSB SR 13-14)	No	-
27	Supply of Water Through Water Tanker(As Per Logsheet Enclosed)	No	-

Certificates:

The above work is done satisfactorily and complete in all respect.

There is no department Material issue for the above work.

This works comes under BBMP Limit.

No	-	-	137.00	154.50	21166.5	137.00	21166.5	
Rmtr	-	-	1600.00	188.70	301920.0	1600.00	301920.0	
No	-	-	4.00	14800.00	59200.0	4.00	59200.0	
sqm	-	-	88000.00	0.34	29920.0	88000.00	29920.0	
No	-	-	4.00	690.00	2760.0	4.00	2760.0	
No	-	-	12.00	1016.95	12203.4	12.00	12203.4	
No	-	-	12.00	1398.31	16779.7	12.00	16779.7	
No	-	-	100.00	90.64	9064.0	100.00	9064.0	
No	-	-	4.00	475.00	1900.0	4.00	1900.0	
No	-	-	4.00	906.40	3625.6	4.00	3625.6	
No	-	-	12.00	150.00	1800.0	12.00	1800.0	
Rmtr	-	-	100.00	169.95	16995.0	100.00	16995.0	
Rmtr	-	-	100.00	56.65	5665.0	100.00	5665.0	
Rmtr	-	-	12.00	294.58	3535.0	12.00	3535.0	
No	-	-	4.00	1699.50	6798.0	4.00	6798.0	
No	-	-	4.00	271.92	1087.7	4.00	1087.7	
No	-	-	12.00	778.04	9336.5	12.00	9336.5	
No	-	-	4.00	311.58	1246.3	4.00	1246.3	
No	-	-	819.00	540.00	442260.0	819.00	442260.0	
No				Sub Total	3459626		3459626	
				GST 12%	415155		415155	
				Total	3874781		3874781	
				Bescom charge	36604		36604	
					3911385		3911385	

Asst. Executive Engineer
Yelahanka Sub-Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Accts. Supdt
Yelahanka Division
BBMP

Exe. Engineer
Yelahanka Division
BBMP